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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Tischler, et al.
Serial No. : 10/049,750
Filed : February 15, 2002
For : ENZYMATIC SYNTHESIS OF
DEOXYRIBONUCLEOSIDES
Art Unit : 1652
Examiner : Delia Ramirez

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MQJ
7/31/03

July 8, 2003

Mail Stop: Non-Fee Amendment
Commissioner for Patents
Alexandria, VA 22313-1450

SECOND PRELIMINARY AMENDMENT

Sir:

In advance of prosecution, please amend the above-identified patent application as follows:

IN THE CLAIMS

Please cancel claims 2, 26, 32, 37, 38, 42, 43, and 45 without prejudice.

Please add claims 47-95 which follow:

R124

Claim ⁴⁶~~47~~: The method of claim 1, further comprising removing the inorganic phosphate.

Claim ⁴⁷~~48~~: The method of claim 1, comprising catalyzing said enzymatic synthesis with a thymidine phosphorylase (TP, EC 2.4.2.4) or a purine nucleoside phosphorylase (PNP, EC 2.4.2.1).

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